

## Model

1

## 1. Choose the correct answer.

a.  $1.5 - 0.75 =$  \_\_\_\_\_

A. 1.8

B. 7.5

C. 0.75

D. 1.25

b. The number 11 has \_\_\_\_\_ factors.

A. 1

B. 2

C. 3

D. 4

c. \_\_\_\_\_  $\times 9 = 9,000$

A. 10

B. 100

C. 1,000

D. 10,000

d.  $3.5 \text{ L} - 1500 \text{ mL} =$  \_\_\_\_\_ L.

A. 2

B. 5

C. 2,000

D. 5,000

## 2. Complete.

a.  $1,227 \div 12 = 102 \text{ R}$  \_\_\_\_\_

b. In the pattern : 3, 5, 7, 9, 11, ... the rule is \_\_\_\_\_

c. The value of 3 in the number 5.137 is \_\_\_\_\_

## 3. Put (✓) to the correct statement and (X) to the incorrect statement.

a.  $45.23 \times 10 = 4.523$

( )

b.  $13 + 7 \times 0.1 = (13 + 7) \times 0.1$

( )

c. 2 hundredths – 18 thousandths = 2 thousandths.

( )

## 4. Match.

a.  $123 \div 10$

1. 123

b.  $12.3 \times 10$

2. 12.3

c.  $0.1 + 0.02 + 0.003$

3. 1.23

d.  $5.5 - 4.27$

4. 123 thousandths

5. a. By using the Area model calculate the product of  $75 \times 23$

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- b. If Mona has 1.275 kg. of flour. She wants to make a cake for her children. If the cake needs 2 kg. of flour. **How many more flour does Mona need ?**

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### Model

### 2

#### 1. Complete.

- a. If  $4.71 + K = 9.2$ , then  $K =$  \_\_\_\_\_
- b.  $0 \div 23 =$  \_\_\_\_\_
- c. The factors of 12 are \_\_\_\_\_
- d.  $0.3 \times 0.2 =$  \_\_\_\_\_

#### 2. Choose the correct answer.

- a. The number [fifteen and fifteen hundredths] in expanded form is \_\_\_\_\_
- A.  $10 + 5 + 0.1 + 0.005$                       B.  $10 + 5 + 0.05 + 0.001$   
 C.  $10 + 5 + 0.1 + 0.05$                       D.  $10 + 5 + 0.01 + 0.005$
- b.  $700 \text{ g} =$  \_\_\_\_\_ kg.
- A. 0.7                      B. 7                      C. 0.07                      D. 0.007
- c. If  $12 \times 302 = 3,624$  then  $3,625 \div 12 =$  \_\_\_\_\_
- A. 302                      B. 302 R1                      C. 302 R2                      D. 302 R3

#### 3. Put (✓) to the correct statement and (X) to the incorrect statement.

- a.  $13 \times 15 = 195$  ( )
- b.  $999.9 - 99.99 = 900.09$  ( )
- c.  $2.345 \times 0.01 = 234.5$  ( )

## 4. Match.

a.  $3.7 + 1.54$

b.  $9.1 - 3.8$

c.  $0.2 \times 25.3$

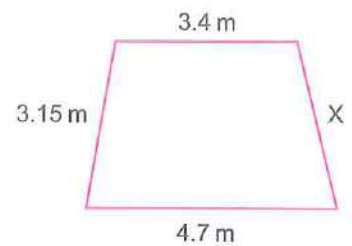
1.  $5.06$

2.  $5.24$

3.  $5.3$

## 5. a. Find GCF and LCM for the two numbers 9 and 12

- b. If the perimeter of this shape is 13.5 meters what does x equal ?



## Model

3

## 1. Put (✓) to the correct statement and (X) to the incorrect statement.

a.  $4.16 \times 2.3 > 41.6 \times 2.3$

( )

b. The value of the expression  $5 \times 5 + 5 = 5 \times [5 + 5]$

( )

c.  $\frac{3}{1000} + \frac{3}{100} + \frac{3}{10} = 0.333$

( )

## 2. Complete.

a. The common factor for all the numbers is \_\_\_\_\_

b.  $9 \times 27 = [9 \times \text{_____}] + [9 \times 7]$

c.  $7,368 \div \text{_____} = 73.68$

## 3. Choose the correct answer.

a. By using the information what is the first four numbers pattern ?

Starting number : 2

Rule :  $[n + 1] \times 2$ 

A. 2, 4, 6, 8

B. 2, 6, 14, 30

C. 2, 6, 12, 24

D. 2, 4, 6, 8

- b.  $8.43 \times 0.2 \approx$  \_\_\_\_\_ [to the nearest hundredths].  
 A. 1.686      B. 1.7      C. 1.69      D. 2
- c.  $1,515 \div 15 =$  \_\_\_\_\_  
 A. 15      B. 11      C. 101      D. 1001
- d. The LCM of 6 and 10 is \_\_\_\_\_  
 A. 60      B. 30      C. 15      D. 45

4. Match.

By using the fact  $112 \times 35 = 3920$

a.  $11.2 \times 3.5$

1.  $3.920$

b.  $1.12 \times 3.5$

2.  $39.2$

c.  $3920 \div 35$

3.  $112$

5. a. Use the area model to solve  $2,576 \div 23$

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b. If 18 plums are packed each 3 to a bag, then , how many bags will be there ?

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Model

4

1. Choose the correct answer.

- a. There are \_\_\_\_\_ milliliters in 18 liters.  
 A. 18      B. 180      C. 1,800      D. 18,000
- b. 2 thousandths  $\times 4 =$  \_\_\_\_\_  
 A. 8      B. 0.8      C. 0.08      D. 0.008
- c. Which expression matches the clue «Add 30 to 25 and divide the result by 0.5» ?  
 A.  $30 + 25 \div 0.5$     B.  $0.5 \times [30 + 25]$     C.  $[30 + 25] \div 0.5$     D.  $30 \div 0.5 + 25$
- d. Which is Not a common multiple of 9 and 6 ?  
 A. 42      B. 54      C. 36      D. 18



**2. Complete.**

a. 7 hundredths – 17 thousandths = \_\_\_\_\_ thousandths.

b. From the opposite bar model 

30.8	
a	19.5

 the value of a = \_\_\_\_\_

c.  $5.7 \div 100 =$  \_\_\_\_\_

**3. Put (✓) to the correct statement and (X) to the incorrect statement.**

- a. 3 is a factor of 13 (    )
- b.  $73.526 \div 0.01 = 7352.6$  (    )
- c. The place value of 4 in the number 3.146 is hundredths. (    )

**4. Match.**

- |  |  |
|--|--|
| <p>a. <span style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">Prime factors of 15</span></p> <p>b. <span style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">Factors of 15</span></p> <p>c. <span style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">Prime numbers between 2 and 11</span></p> <p>d. <span style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">Multiples of 3 up to 15</span></p> | <p>1. <span style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">1, 3, 5 and 15</span></p> <p>2. <span style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">3, 5 and 7</span></p> <p>3. <span style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">0, 3, 6, 9, 12, 15</span></p> <p>4. <span style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">3 and 5</span></p> |
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- 5. a.** Hala has a restaurant, she sold 301 Kebabs in March, she sold 532 kebabs in April. If she makes each kebab with 51 grams of meat.

**How many grams of meat did she use in March and April ?**

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- b.** Use the partial quotients strategy to solve the problem  $576 \div 18$

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Model

5

1. Complete.

- a. \_\_\_\_\_ + 3.9 = 6.5  
 b. \_\_\_\_\_ is the only even prime number.  
 c.  $1,000 \times$  \_\_\_\_\_ = 60,000

2. Choose the correct answer.

- a. The divisor in the equation  $36 \div 4 = 9$  is \_\_\_\_\_  
 A. 36                      B. 4                      C. 9                      D. zero  
 b.  $2.51 \times$  \_\_\_\_\_ = 0.0251  
 A. 100                      B. 0.001                      C. 0.01                      D. 0.1  
 c. Which is the first step in evaluating  $28.1 - 3.5 \times 0.2 + 29 - 4$ ? \_\_\_\_\_  
 A.  $28.1 - 3.5$                       B.  $3.5 \times 0.2$                       C.  $0.2 + 29$                       D.  $29 - 4$   
 d.  $2 + 0.05$  ☒  $1.7 + 0.7$   
 A. <                      B. =                      C. >

3. Put (✓) to the correct statement and (X) to the incorrect statement.

- a. 3 is a composite number. ( )  
 b.  $4.7 + 3.6 = M$  Represent an expression. ( )  
 c. The Rule in the pattern 10, 20, 30, 40, \_\_\_\_\_ is  $n + 10$  ( )

4. Match.

a.  $[50 \times 30] + [50 \times 7]$   
 $+ [5 \times 30] + [5 \times 7]$

b.

	700	4
60	42,000	240
5	3,500	20

c.  $750 \times 13$

d.  $135 \times 10$

1.  $704 \times 65$

2.  $55 \times 37$

3. 1,350

4. 9,750

5. a. Find the result :

1.  $4,865 \div 32$

2.  $321 \times 15$

b. In one year, a school used 15,730 red papers, 4,510 Fewer blue papers than red papers.  
How many papers were used in all ?

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### Model

6

1. Match.

a.  $7.351 \div 0.01$

b.  $735.1 \times 0.1$

c.  $73.51 \times 100$

d.  $735.1 \div 100$

1. 7351

2. 7.351

3. 73.51

4. 735.1

2. Choose the correct answer.

a. The GCF of 10 and 15 is \_\_\_\_\_

A. 10

B. 15

C. 5

D. 30

b. A group of 48 people want to travel by bus. each bus ticket costs 175 L.E.

How much do they need to pay in all ?

A. 6,200

B. 5,650

C. 840

D. 8,400

c.  $3,003 \div 33 =$  \_\_\_\_\_

A. 19

B. 91

C. 109

D. 901

d.  $0.735 \text{ L} =$  \_\_\_\_\_ mL.

A. 735

B. 7.35

C. 73.5

D. 7350

3. Put (✓) to the correct statement and (X) to the incorrect statement.

a.  $35.469 \approx 35.47$  [to the nearest hundredths].

( )

b.  $23 \times 14 = 312$

( )

c. If  $25 \times 34 = 850$ . then  $2.5 \times 3.4 = 8.5$

( )

**4. Complete.**

5. a. Find the result.

- b. Find LCM of 18 and 24

## 7

**1. Complete.**

2. Put (✓) to the correct statement and (X) to the incorrect statement.

- 3. Choose the correct answer.**

- 48



## 4. Match.

a. 1237 tenths

b. 1273 hundredths

c. 1273 thousandths

1. 1.273

2. 12.73

3. 127.3

5. a. Ola saved 17.25 pounds and her brother Hosam saved 8.5 pounds.  
Find the sum they saved.

- b. Write the expression that matches the clue. Then, evaluate the expression.  
Subtract 3.1 from 4.6, then multiply the result by 0.01

## Model

8

1. Put (✓) to the correct statement and (X) to the incorrect statement.

a. The LCM of 6 and 15 is 60

( )

b.  $56 \times 43 = [50 \times 40] + [50 \times 3] + [6 \times 40] + [6 \times 3]$ 

( )

c. If  $4 \times 6 = 24$ , then  $4 \times 600 = 2,400$ 

( )

2. Choose the correct answer.

a.  $462.3 \div 0.23$    $4623 \div 2.3$ 

A. &gt;

B. &lt;

C. =

- b. Which expression matches the clue "Giovanni bought 60 fish. He put 5 fish in 9 bowles each"

How many fish are left with Giovanni? \_\_\_\_\_

A.  $[60 - 5] \times 9$ B.  $[60 - 9] \times 5$ C.  $60 + 5 \times 9$ D.  $60 - 5 \times 9$ 

- c. 5,000 not equals \_\_\_\_\_

A.  $5 \times 1,000$ B.  $50 \times 100$ C.  $500 \times 10$ D.  $500 \times 100$ 

- d. 4 is a factor of \_\_\_\_\_

A. 40

B. 39

C. 38

D. 37

**3. Complete.**

- The value of 7 in the number 5.167 is \_\_\_\_\_
- 4 thousandths + 3 thousandths = \_\_\_\_\_ thousandths.
- $91.364 \approx$  \_\_\_\_\_ [to the nearest hundredths]

**4. Match.**

a.  $7.3 + 2.01$

b.  $6.4 - 3.2$

c.  $2.1 \times 0.3$

d.  $4.5 \div 0.5$

1. Thirty-two tenths

2.  $\frac{63}{100}$

3. 9

4. 9.31

**5. a. Solve the following equations :**

1.  $T - 2.45 = 0.26$

2.  $k + 2.40 = 3.04$

b. Use the order of operation to evaluate  $5.5 \div 5 \times 10 - 10$

**Model**

**9**

**1. Choose the correct answer.**

- The GCF of 20 and 30 is \_\_\_\_\_.  
A. 1                      B. 4                      C. 5                      D. 10
- There are 3,000 grams in \_\_\_\_\_ kilograms.  
A. 3                      B. 30                      C. 300                      D. 3,000
- $320 \times 15 =$  \_\_\_\_\_.  
A. 48                      B. 48 tens.                      C. 48 hundreds.                      D. 48 thousands.
- $4150 \div 29 = 143 \text{ R } \rule{1cm}{0.4pt}$   
A. 4                      B. 2                      C. 1                      D. 3

**2. Complete.**

- a.  $89.36 \div 100 = 89.36 \times$  \_\_\_\_\_
- b. 32, 16, 8, 4, \_\_\_\_\_, \_\_\_\_\_ [in the same pattern]
- c. 3 + 3 tenths + 3 hundredths = \_\_\_\_\_

**3. Put (✓) to the correct statement and (X) to the incorrect statement.**

- a.  $1.1 \times 4.5 > 0.459$  ( )
- b. All the factors of 12 are 1, 2, 3, 4 and 6 ( )
- c.  $7.41 + 3.2 - 1.5$  represent an expression. ( )

**4. Match.**

- |  |         |
|--|---------|
| a. The next term in the pattern 3, 5, 7, 9, _____                              | 1. 6    |
| b. $55 \div [2 + 9] - 5$   | 2. 11   |
| c. The third term in the pattern which Rule $[n - 1] \times 3$ starting with 2 | 3. zero |

**5. Find.**

a.  $32.75 + 16.5$

b.  $11.1 - 5.7$

c.  $32 \times 12$

d.  $2,743 \div 13$

**Model****10****1. Choose the correct answer.**

- a.  $42.18 \times 10 =$  \_\_\_\_\_
- A. 4.218      B. 421.8      C. 42.18      D. 4218
- b.  $3.2 + 4.05$    $7.05 + \frac{1}{2}$
- A. >      B. =      C. <

c. The number 7 has \_\_\_\_\_ factors

A. 1

B. 2

C. 3

D. 4

d. \_\_\_\_\_  $\times 5 = 5,000$

A. 1,000

B. 100

C. 10,000

D. 100,000

**2. Complete.**

a.  $130 \times 30 =$  \_\_\_\_\_

b.  $36.479 \approx 36.50$  [to the nearest \_\_\_\_\_]

c. \_\_\_\_\_  $\times 0.01 = 5.324$

**3. Put (✓) to the correct statement and (X) to the incorrect statement.**

a. 18 Liter = 1800 mL.

( )

b.  $2.56 + x = 3.8$  is an equation.

( )

c.  $15 + 5 \times 4 = [15 + 5] \times 4$

( )

**4. Match.**

a.  $32.4 + 0.01$

1. 0.324

b.  $32.4 \times 0.01$

2. 32.39

c.  $32.4 \div 0.01$

3. 32.41

d.  $32.4 - 0.01$

4. 3240

**5. a. Find GCF and LCM of 20 and 30**

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b. A jewellery maker has 0.85 kg of gold used to make special type of identical rings. The mass of one ring is 4 g and the maker has 226 g of remaining gold.  
Calculate the number of rings can be produced ?

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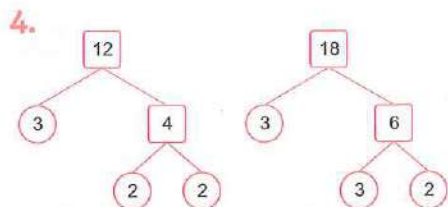


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$$12 = 2 \times 2 \times 3$$

$$18 = 2 \times 3 \times 3$$

$$\text{GCF} = 2 \times 3 = 6$$

$$\text{LCM} = 2 \times 2 \times 3 \times 3 = 36$$

Cumulative Assessment **36**

1. a.  $n \times 2$  b. 46.112  
c. 51320 d. 6.2

2. a. ✓ b. ✓ c. ✓  
d. ✗ e. ✗ f. ✗

3. a. 358.201 b. 115.157  
c. 4173 d. 25

4. a. 9  
b. A = 12 B = 14  
C = 19 D = 19 E = 24

5. The greatest number  
 $= 50.1 - 5.999 = 44.101$

Answers of Final Assessments

Model 1

1. a. C b. B  
c. C d. A
2. a. 3 b.  $n + 2$  c. 0.03
3. a. ✗ b. ✗ c. ✓
4. a.  $\rightarrow 2$  b.  $\rightarrow 1$   
c.  $\rightarrow 4$  d.  $\rightarrow 3$

5.

a.

	70	5
20	1,400	100
3	210	15

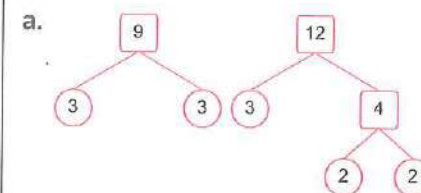
$$\text{Then, } 75 \times 23 = 1,400 + 100 + 210 + 15 = 1,725$$

$$\text{b. Mona needs} = 2 - 1.275 = 0.725$$

Model 2

1. a. 4.49 b. 0  
c. 1, 2, 3, 4, 6 and 12  
d. 0.06
2. a. C b. A c. B
3. a. ✓ b. ✗ c. ✗
4. a.  $\rightarrow 2$  b.  $\rightarrow 3$   
c.  $\rightarrow 1$

5.



$$9 = 3 \times 3$$

$$12 = 3 \times 2 \times 2$$

$$\text{GCF} = 3$$

$$\text{LCM} = 3 \times 3 \times 2 \times 2 = 36$$

- b. The sum of length of 3 sides  
 $= 3.4 + 4.7 + 3.15 = 11.25 \text{ m.}$   
 $x = 13.5 - 11.25 = 2.25 \text{ m.}$

Model 3

1. a. ✗ b. ✗ c. ✓
2. a. 1 b. 20 c. 100
3. a. B b. C  
c. C d. B
4. a.  $\rightarrow 2$  b.  $\rightarrow 1$   
c.  $\rightarrow 3$

5.

a.

	100	10	1	1
23	2,576	276	46	23
	-2,300	-230	-23	-23
	276	46	23	0

$$\text{Then, } 2,576 \div 23 = 100 + 10 + 1 + 1 = 112$$

$$\text{b. Number of bags} = 18 \div 3 = 6 \text{ bags.}$$

**Model 4**

1. a. D      b. D  
c. C      d. A

2. a. 53      b. 11.3      c. 0.057

3. a. ✗      b. ✓      c. ✓

4. a. → 4      b. → 1  
c. → 2      d. → 3

5.  
a. Total number of kebabs  
=  $301 + 532 = 833$  kebabs.  
She used =  $833 \times 51 = 42,483$  grams.

b.

$$\begin{array}{r} 18 \overline{) 576} \\ \underline{- 180} \quad 10 \\ 396 \\ \underline{- 180} \quad 10 \\ 216 \\ \underline{- 180} \quad 10 \\ 36 \\ \underline{- 36} \quad 2 \\ 0 \end{array}$$

Then,  $576 \div 18 = 10 + 10 + 10 + 2 = 32$

**Model 5**

1. a. 2.6      b. 2      c. 60

2. a. B      b. C  
c. B      d. A

3. a. ✗      b. ✗      c. ✓

4. a. → 2      b. → 1  
c. → 4      d. → 3

5.  
a. [1] 152 R1      [2] 4,815

- b. blue paper =  $15,730 - 4,510$   
= 11,220 papers.

Total number of papers  
=  $15,730 + 11,220 = 26,950$  papers.

**Model 6**

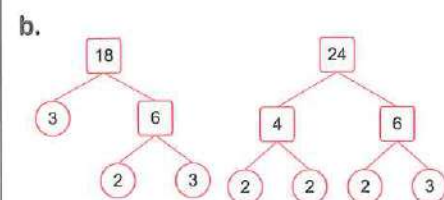
1. a. → 4      b. → 3  
c. → 1      d. → 2

2. a. C      b. D  
c. B      d. A

3. a. ✓      b. ✗      c. ✓

4. a. 1      b. 28  
c. 3.3, 2.2

5.  
a. [1] 3.676      [2] 383.553



$$\begin{aligned} 18 &= 2 \times 3 \times 3 \\ 24 &= 2 \times 3 \times 2 \times 2 \\ \text{LCM} &= 2 \times 3 \times 3 \times 2 \times 2 = 72 \end{aligned}$$

**Model 7**

1. a. tenths      b. 70.707      c. 5.57

2. a. ✗      b. ✗      c. ✗

3. a. D      b. D  
c. B      d. D

4. a. → 3      b. → 2  
c. → 1

5.  
a. They saved =  $17.25 + 8.5$   
= 25.75 pounds  
b. The expression :  $[4.6 - 3.1] \times 0.01$   
The evaluation :  
 $[4.6 - 3.1] \times 0.01 = 1.5 \times 0.01 = 0.015$

**Model 8**

1. a. ✗      b. ✓      c. ✓

2. a. C      b. D  
c. D      d. A

3. a. 0.007      b. 7      c. 91.36

4. a. → 4      b. → 1  
c. → 2      d. → 3

5.  
a. [1]  $T = 2.45 + 0.26$   
 $T = 2.71$

- [2]  $K = 3.04 - 2.40$   
 $K = 0.64$

- b.  $5.5 \div 5 \times 10 - 10$   
=  $1.1 \times 10 - 10$   
=  $11 - 10 = 1$

**Model 9**

1. a. D      b. A  
c. C      d. D

2. a. 0.01      b. 2, 1      c. 3.33

3. a. ✓      b. ✗      c. ✓

4. a. → 2      b. → 3  
c. → 1

5. a. 49.25      b. 5.4  
c. 384      d. 211

**Model 10**

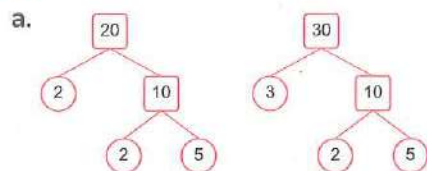
1. a. B      b. C  
c. B      d. A

2. a. 3,900      b. tenths      c. 532.4

3. a. ✗      b. ✓      c. ✗

4. a.  $\rightarrow 3$     b.  $\rightarrow 1$   
c.  $\rightarrow 4$     d.  $\rightarrow 2$

5.



$$20 = 2 \times 2 \times 5$$

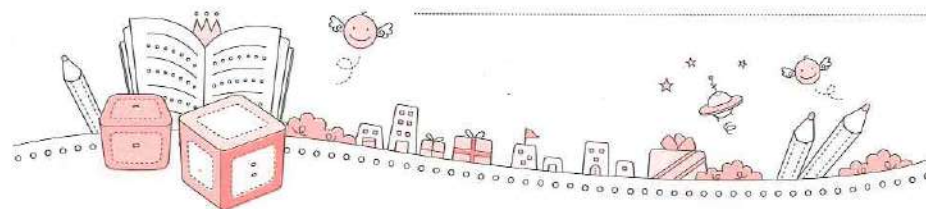
$$30 = 2 \times 5 \times 3$$

$$\text{GCF} = 2 \times 5 = 10$$

$$\text{LCM} = 2 \times 2 \times 5 \times 3 = 60$$

- b. The maker has 0.85 kg. = 850 gram.  
He used =  $850 - 226 = 624$  gram.  
Number of rings =  $624 \div 4$   
= 156 rings.

## NOTES



**First : Choose the correct answer :**

- (1) The value of the digit 4 in the number 3.514 is .....
- (a) 40,000                      (b) 400                      (c) 0.4                      (d) 0.004
- (2) The value of variable x in the equation  $x + 3.5 = 8$  is .....
- (a) 3.5                      (b) 5.4                      (c) 4.5                      (d) 5.5
- (3) All the following numbers are prime numbers except .....
- (a) 2                      (b) 5                      (c) 7                      (d) 9
- (4) The number..... is a common factor for all numbers
- (a) 0                      (b) 1                      (c) 2                      (d) 3
- (5)  $18.58 \approx$  ..... (to the nearest Whole number)
- (a) 59                      (b) 19                      (c) 18                      (d) 18.6
- (6)  $20 + 0.07 + 0.008 =$  .....
- (a) 20.078                      (b) 20.78                      (c) 20.708                      (d) 20.807
- (7)  $85.3 \times \frac{1}{10} =$  .....
- (a) 853                      (b) 8.53                      (c) 0.853                      (d) 85.03



**Second : Complete each of the following :**

(1) 5 thousandth + 73 hundredth = ..... Thousandth

(2) The number whose all prime factor are 3 , 2 and 2 is.....

(3) 1000 gm. = .....Kg.

(4) The (G.C.F) of 8 , 12 is .....

(5)The product of  $13.5 \times 2.2 = \dots\dots\dots$

(6) The sum of  $3.127 + 8.65 = \dots\dots\dots$

(7) The quotient of  $6.66 \div 6 = \dots\dots\dots$

(8) The number  $3 + 0.2 + \frac{5}{100} + \frac{9}{1000}$  in standard form = .....

**Third: Choose the correct answer**

(1)  $(4 \times 85) + (2 \times 85) = \dots \times 85$

- (a) 24                      (b) 42                      (c) 8                      (d) 6

(2) Five ones , forty seven thousandth = .....

- (a) 57.40                      (b) 5.740                      (c) 5.47                      (d) 5.047

(3) The number ..... is one of the multiples of the digit 6

- (a) 16                      (b) 26                      (c) 24                      (d) 106

(4) The prime factors of the number 12 are .....

- (a) 2 , 2 , 3                      (b) 2 , 3 , 3                      (c) 6 , 2                      (d) 4 , 3

(5)  $\frac{357}{1000} = \dots$

- (a) 3.75                      (b) 0.357                      (c) 357                      (d) 3.57

(6) The value of the variable x in the equation  $x - 2.5 = 4$  is .....

- (a) 1.5                      (b) 6.5                      (c) 5.6                      (d) 5.1

(7) The composite number in the following numbers is .....

- (a) 7                      (b) 13                      (c) 15                      (d) 5

**Fourth :Answer the following:**

Ahmed bought 9 pens of the same type ,If the price of one pen is 4.5 pound.  
How much money will Ahmed pay?

.....  
.....  
.....  
.....

Find (L.C.M) for the two numbers (6 , 10) .

.....  
.....  
.....  
.....

Decompose the number 80.507 using the expanded form

.....  
.....  
.....  
.....

A teacher wants to distribute 280 prizes to 7 classes equally. How many prizes  
per each class?

.....  
.....  
.....  
.....

**First : Choose the correct answer :**

- (1) The value of the digit 4 in the number 3.514 is .....  
(a) 40,000                      (b) 400                      (c) 0.4                      **(d) 0.004**
- (2) The value of variable x in the equation  $x + 3.5 = 8$  is .....  
(a) 3.5                      (b) 5.4                      **(c) 4.5**                      (d) 5.5
- (3) All the following numbers are prime numbers except .....  
(a) 2                      (b) 5                      (c) 7                      **(d) 9**
- (4) The number..... is a common factor for all numbers  
(a) 0                      **(b) 1**                      (c) 2                      (d) 3
- (5)  $18.58 \simeq$  ..... (to the nearest Whole number)  
(a) 59                      **(b) 19**                      (c) 18                      (d) 18.6
- (6)  $20 + 0.07 + 0.008 =$  .....  
**(a) 20.078**                      (b) 20.78                      (c) 20.708                      (d) 20.807
- (7)  $85.3 \times \frac{1}{10} =$  .....  
(a) 853                      **(b) 8.53**                      (c) 0.853                      (d) 85.03

نور الخولي



**Second : Complete each of the following :**

(1) 5 thousandth + 73 hundredth = ..... 735 ..... Thousandth

$$0.005 + 0.730 = 0.735$$

(2) The number whose all prime factor are 3 , 2 and 2 is..... 12.....

$$3 \times 2 \times 2 = 12$$

(3) 1000 gm. = ..... 1 ..... Kg.

(4) The (G.C.F) of 8 , 12 is ..... 4.....

*Mahmud  
Elsholy*

(5) The product of  $13.5 \times 2.2 =$  ..... 29.7.....

(6) The sum of  $3.127 + 8.65 =$  ..... 11.777.....

(7) The quotient of  $6.66 \div 6 =$  ..... 1.11.....

(8) The number  $3 + 0.2 + \frac{5}{100} + \frac{9}{1000}$  in standard form = ..... 3.259.....

**Third: Choose the correct answer**

(1)  $(4 \times 85) + (2 \times 85) = \dots \times 85$

(a) 24

(b) 42

(c) 8

☒ (d) 6

(2) Five ones , forty seven thousandth = .....

(a) 57.40

(b) 5.740

(c) 5.47

☒ (d) 5.047

(3) The number ..... is one of the multiples of the digit 6

(a) 16

(b) 26

☒ (c) 24

(d) 106

(4) The prime factors of the number 12 are .....

☒ (a) 2 , 2 , 3

(b) 2 , 3 , 3

(c) 6 , 2

(d) 4 , 3

(5)  $\frac{357}{1000} = \dots$

(a) 3.75

☒ (b) 0.357

(c) 357

(d) 3.57

(6) The value of the variable x in the equation  $x - 2.5 = 4$  is .....

(a) 1.5

☒ (b) 6.5

(c) 5.6

(d) 5.1

(7) The composite number in the following numbers is .....

(a) 7

(b) 13

☒ (c) 15

(d) 5



**Fourth :Answer the following:**

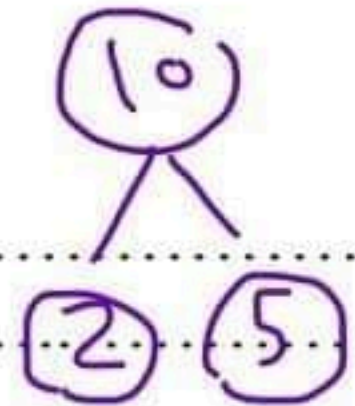
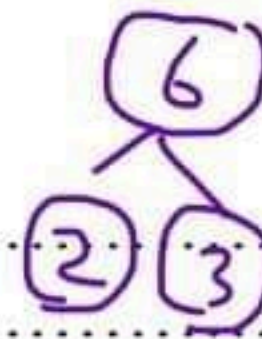
Ahmed bought 9 pens of the same type ,If the price of one pen is 4.5 pound.  
How much money will Ahmed pay?

$$9 \times 4.5 = 40.5 \text{ L.E}$$

Find (L.C.M) for the two numbers (6 , 10) .

$$2 \times 3$$

$$2 \times 5$$



$$LCM = 2 \times 3 \times 5 = 30$$

Decompose the number 80.507 using the expanded form

$$80 + 0.5 + 0.007$$

A teacher wants to distribute 280 prizes to 7 classes equally. How many prizes per each class?

$$280 \div 7 = 40 \text{ prizes}$$

نود الخولي

01014315472



## PRIM 5 – MODEL No 1

[Q1] Choose the correct answer:

(1) The place value of digit 9 in the number 14,530,917 is .....

- a) Tens
- b) Hundreds
- c) Ten thousands
- d) Hundred thousands

(2) A teacher counted the number of books that students read during the past year, and it was 3,524 books, So the number of books after being rounded to the nearest thousand is .....

- a) 3,000
- b) 3,500
- c) 4,000
- d) 3,520

(3)  $11 + 0 = 0$  it's called ..... property

- a) Associative
- b) Commutative in multiply
- c) Commutative in addition
- d) Additive identity

(4) A tank containing 9 liters of water, The number of milliliters of water that the tank contains = .....

- a) 9
- b) 9,000
- c) 900
- d) 90,000

[Q2] Complete each of the following:

[5] in the equation:  $b - 2,000 = 3000$ , value of  $b =$  .....

[6] the area of rectangle of length 8 cm , width 5 cm = ..... $\text{cm}^2$

[7]  $4,000 = \dots \times 4$



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

- 8) The number 13 is unprimed number ( )
- 9)  $606 \div 6 = 11$  ( )
- 10) Two days = 48 hours ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	The greatest common factor for 5 , 7 is .....	11
12)	The number ..... is multiple of number 3	1
13)	$80 \div 10 + 6 - 3 = \dots\dots\dots$	15

[Q5] Answer the following

[14] With Hani, a string of 20 meters in length is intended to be divided into 5 parts of equal length. What is the length of each part per meter? What is the length of each part in centimeters?

.....

.....

[15] 38 people will travel together by bus, if the price of one ticket is equal to 30 pounds. What is the price of tickets for all passengers?

.....

.....

◆ ◆ ◆  
End of the questions



PRIM 5 - MODEL NO

2

[Q1] Choose the correct answer:

(1) The place value of digit 7 in the number 8.07 is .....

- a) Tens                      c) Tenths  
b) Ones                     d) Hundredths

(2) Basma wants to write an equation that represents adding a number to 12.5 so that the result is 15, The equation is....

- a)  $15 + X = 12.5$                       c)  $12.5 + 15 = X$   
b)  $12.5 + X = 15$                       d)  $12.5 - X = 15$

(3) A water tank with a capacity of 48 liters, so the tank capacity in milliliter is .....

- a) 4,800                      c) 48,00  
b) 48                              d) 480

(4)  $2.3 \times 1.4 = \dots\dots\dots$

- a) 2.33      c) 2.03  
b) 2.23      d) 3.22

**[Q2] Complete each of the following:**

[5] If the value of digit 6 is 0.006, then its place value .....

[6] The prime number just before number 11 is .....

[7] The quotient of  $45 \div 5 = 9$  is .....



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

- 8) We can find the value of Y in the equation  $50.6 - Y = 24.3$  by subtract 24.3 from 50.6 ( )
- 9)  $3.1 \times 0.001 = 0.31$  ( )
- 10) To find the numerical value of  $22.5 \div 0.5 - 30.59$  we doing first the divide operation ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$4,128 \div 16 = \dots\dots\dots$	$1,000 \times 0.84392$
12)	$84,392 \times 0.01 = \dots\dots\dots$	Multiply by 2
13)	2, 4, 6, 8, $\dots\dots\dots$	258

[Q5] Answer the following

- [14] Ahmed ate in the morning the equivalent of 0.8 calories, and in the evening, the equivalent of 0.63 calories Calorie, calculate the total number of calories that Ahmed ate in the morning and evening?
- .....
- .....

- [15] Omar bought a 2-liter bottle of water. What is the capacity of the bottle, in milliliters?
- .....
- .....

♦ ♦ ♦  
End of the questions







[Q3] Put (✓) for correct statement and (✗) for incorrect one :

- 8) The equation  $2.5 + 15.3 = Y$  represents sum of two numbers 15.3 and 2.5 ( )
- 9)  $19.4 \times 100 = 194$  ( )
- 10) To find the numerical value of  $33.2 \div 0.2 - 70.5$  we doing first the subtraction operation ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	G. C. F for 6 , 8 is .....	54
12)	$1,026 \div 19 = \dots\dots\dots$	$1.0467 \times 1,000$
13)	$10,467 \times 0.1 = \dots\dots\dots$	2

[Q5] Answer the following

[14] A tank of 27.25 liters if it has 17.15 liters of water, How many liters of water is needed to fill the tank?

.....

.....

[15] The price of a ton of iron is 10,000 pounds, so what is the price of 4 tons of iron of the same type?

.....

.....

◆ ◆ ◆  
End of the questions



## PRIM 5 – MODEL No

4

[Q1] Choose the correct answer:

(1) Estimate the sum of  $0.7 + 0.5$  is .....

a) 0.5

c) 1

b) 0.0

d) 0.25

(2)  $48 \div 6 = \dots\dots\dots$

a) 7

c) 8

b) 18

d) 80

(3) The product of  $2.3 \times 5 = \dots\dots\dots$

a) 11.5

c) 11

b) 10.5

d) 12.5

(4) The fourth term in pattern 6 , 9 , 12 , ..... is

a) 15

c) 16

b) 18

d) 19

[Q2] Complete each of the following:

[5] If the place value of digit 3 is hundredths, then its value.....

[6] The next prime number to the number 17 is .....

[7] If the distance between two cities is 37 km, then the distance between the two cities is .....m



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

8) The variable X in equation:  $15 + X = 20$  represents the sum of two numbers 15 , 20 . ( )

9)  $0.6 \times 10 = 60$  ( )

10)  $7 \times 0.3 + 24 \times 0.4 = 7.11$  ( )

مورد الخويسي  
1014315472

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	L.C.M for two numbers 5 , 7 is .....	101
12)	$8,080 \div 80 = \dots\dots\dots$	$99,924 \times 0.01$
13)	$9.9924 \times 100 \square$	aaaaaaaaaa

[Q5] Answer the following

[14] On the first day, Asem ran a distance of 2.569 km, and on the second day he ran a distance of 1.269 km. What is the difference between the two distances?

.....  
.....

[15] A box of mangoes has a mass of 9 kg, so what is the mass of 1,000 boxes of the same kind?

.....  
.....

◆ ◆ ◆  
End of the questions



**PRIM 5 – MODEL No 5**

5

**[Q1] Choose the correct answer:**

(1) The standard form of number: six hundred and five thousandths is .....

- a) 600.05                      c) 600.005  
b) 605.06                      d) 0.605

(2) All the following are prime numbers except: .....

- a) 2                      c) 11  
b) 23                     d) 27

(3)  $2 \times 100 = \dots\dots\dots$

- |        |          |
|--------|----------|
| a) 2   | c) 20    |
| b) 200 | d) 2,000 |

(4)  $360 \div \dots\dots\dots = 6$

- a) 6                      c) 16  
b) 60                    d) 600

**[Q2] Complete each of the following:**

**[5] The digit in once place in number 8.7 is .....**

[6] G.C.F of 6 , 9 is .....

**[7] A restaurant sells 250 meals a day, so the number of meals sold by the restaurant in 10 days Worth..... a meal**

[Q3] Put (✓) for correct statement and (✗) for incorrect one :

8)  $20 - Z = 18.2$  is mathematical expression ( )

9)  $7 \text{ KG} = 7 \times 1000 = 7,000 \text{ gm}$  ( )

10)  $0.54 \div 0.6 + 10.5 \times 1.2 = 13.5$  ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$3,240 \div 24 = \dots\dots\dots$	$0.01 \div 0.05$
12)	$0.05 \times 100 = \dots\dots\dots$	Increase 3
13)	4, 7, 10, $\dots\dots\dots$	135

[Q5] Answer the following

[14] Abeer bought a 1.8 liter bottle of water, from which she drank 0.9 liters. Find how many liters are left in the bottle?

.....  
 .....

[15] If the price of a pencil is 6.25 pounds, what is the price of 100 pencils of the same type?

.....  
 .....

◆ ◆ ◆  
*End of the questions*



## 6

d) 56.3

[7]  $75 \times 999 = \dots\dots\dots$



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

8)  $10.8 - F$  is called mathematical expression ( )

9)  $50 \text{ ml} = 50 \times 1,000 = 50,000 \text{ liter}$  ( )

10)  $27.1 + 32.5 \times 0.1$  ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$513 \div 19 = \dots\dots\dots$	$2.04 \div 0.1$
12)	$2.04 \times 10 = \dots\dots\dots$	Increase 2
13)	The rule of pattern: 5, 7, 9, .....	27

[Q5] Answer the following

[14] Rasha bought 2.42 kg of flour, she used 1.4 kg of it. How much flour is left?

.....  
 .....

[15] Alaa bought 6 boxes of sweets of the same type and price, at a cost of 180 EGP, What is the price of one box?

.....  
 .....

♦ ♦ ♦  
*End of the questions*



## PRIM 5 – MODEL No 7

[Q1] Choose the correct answer:

(1) Ahmed bought a pen at 7.75 pounds, and bought a ruler at 6.25 pounds, so the process used to calculate the total amount that Ahmed will pay to the seller .....

- a) Addition
- b) Division
- c) Multiply
- d) Subtraction

(2) Which of the following not multiple of 3 ?

- a) 9
- b) 31
- c) 27
- d) 33

(3) 7 liters = ..... ml

- a) 7
- b) 700
- c) 70
- d) 7,000

(4)  $7,400 \div 100 = \dots\dots\dots$

- a) 47
- b) 470
- c) 74
- d) 740

[Q2] Complete each of the following:

[5] If the value of digit 8 is 0.8, then its place value is .....

[6] The smallest prime number is .....

[7]  $25 \times 99 = \dots\dots\dots$



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

- 8) The digit 5 represents hundredths in number 7.5 ( )
- 9) Two sides of equation  $3.5 + 7.25 = 4.5 + 6.25$  ( )
- 10)  $1 \text{ m} = 0.01 \text{ cm}$  ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$395 \div 5 = \dots\dots\dots$	$1,200 \times 0.001$
12)	$1,200 \div 1,000 = \dots\dots\dots$	$10.8 \div 0.2 - 51.5$
13)	$6.25 \div 0.5 - 10$	79

[Q5] Answer the following

[14] Emad runs a distance of 79.3 meters per day, what is the distance that he traveled in 10 days?

.....

.....

[15] A charitable organization has allocated an amount of EGP 3,654 to distribute it equally among 12 poor families. How much money will each family get?

.....

.....

◆ ◆ ◆  
End of the questions



## PRIM 5 – MODEL No 8

[Q1] Choose the correct answer:

(1) Khaled ran a distance of 11.365 km in the first day, and ran a distance of 23.11 Kilometers in the second day, what is the process used in calculating the difference between the distances?

- a) Addition  
b) Division  
c) Multiply  
d) Subtraction

(2) In the equation  $3.2 = R - 9$ , the variable is .....

- a) 9  
b) R  
c) 3.2  
d) 5.8

(3)  $9.8 \times 100 = \dots\dots\dots$

- a) 0.9  
b) 900  
c) 90  
d) 90,000

(4)  $28.06 \times 0.1 = \dots\dots\dots$

- a) 280.6  
b) 0.2806  
c) 2,806  
d) 2.806

[Q2] Complete each of the following:

[5] Number of tenths in the decimal fraction 0.740 is .....

[6] The prime number whose sum of its factors 3 is .....

[7] The quotient of division:  $180 \div 60 = 30$  is .....



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

- 8) The value of digit 4 in the number 54 increase to 40 if divided by 10. ( )
- 9) The value of Z in equation:  $Z = 6.32 + 1.32$  is 6.64 ( )
- 10) 1 KM = 1,000 m ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$3 \times 100 = \dots\dots\dots$	68
12)	$1,768 \div 26 = \dots\dots\dots$	$13.4 \times 0.01$
13)	$13.4 \div 100 = \dots\dots\dots$	300

[Q5] Answer the following

- [14] If the price of a carton of milk is 15 pounds, and the price of a carton of juice is 17.5 pounds, and the price of a carton of yogurt 14.75 pounds. What is the price for buying 4 cartons of milk, 3 carton of juice, and 5 carton of yogurt?
- .....
- .....

- [15] With Muhammad 15 pounds and with his father 3 times what he has, when his father has 90 pounds, How many pounds will it be with Muhammad?
- .....
- .....

◆ ◆ ◆  
End of the questions



## PRIM 5 – MODEL No 9

[Q1] Choose the correct answer:

(1) Which of the following not from estimation strategies?

- a) Round
- b) Front – to – end
- c) Benchmark
- d) Bar graph

(2) The number 9.5 is added to a number equal 11.3 is.....

- a)  $11.3 + 9.5$
- b)  $11.3 + 9.5 = X$
- c)  $9.5 + X = 11.3$
- d) 2.5

(3)  $14 \times 11 = \dots\dots\dots$

- a) 145
- b) 140
- c) 150
- d) 154

(4)  $0.03 \times \dots\dots\dots = 3$

- a) 0.001
- b) 100
- c) 10
- d) 1,000

[Q2] Complete each of the following:

[5] The number in ones place in the number 0.487 is .....

[6] The factors of number 21 are .....

[7] If the rule of the pattern is  $n - 3$  and the pattern started from 15, then the next number in the pattern is .....



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

- 8) The place value of 3 in the number 0.13 is tenths ( )
- 9) To find the value of A in the equation  $7.9 - A = 2.3$  we adding  $7.9 + 2.3$  . ( )
- 10)  $9,810 \text{ cm}^2 = 98.1$  ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$8 \times 1000 = \dots\dots\dots$	126
12)	$9,450 \div 75 = \dots\dots\dots$	$10.5 + 107.3 \times 0.1$
13)	$12.3 \times 0.1 + 20 = \dots\dots\dots \square$	8,000

[Q5] Answer the following

[14] A teacher wants to distribute 240 prizes evenly over 6 classes, How many prizes will each chapter get?

.....

.....

[15] Nader bought 0.56 kg of apples, the price of one kilogram is 10 pounds, What is the total amount that Nader paid?

.....

.....

◆ ◆ ◆  
End of the questions



## PRIM 5 – MODEL No

10

[Q1] Choose the correct answer:

(1) The benchmark number of 0.9 is .....

a) 0.5

c) 0.25

b) 1

d) 0

(2) The mathematical sentence  $X + 3$  called .....

a) Equation

c) Place value

b) Expression

d) Subtraction

(3)  $8.0 \times \dots\dots\dots = 80.0$

a) 10

c) 100

b) 1,000

d) 10,000

(4) The next number in the pattern: 70, 80, 90, .....

a) 60

c) 100

b) 110

d) 130

[Q2] Complete each of the following:

[5] Number of thousandths in 0.137 = ..... thousandths

[6] The number whose prime factors (3, 3, 3) is .....

[7] The divisor in the division:  $360 \div 36 = 10$  is .....



[Q3] Put ( ✓ ) for correct statement and ( ✗ ) for incorrect one :

8)  $\frac{57}{10} = 0.57$  ( )

9) To find the value of V in equation  $V = 6 - 3.2$  we use addition operation ( )

10) 1.3 liter = 130 ml ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$10,792 \div 76 = \dots\dots\dots$	$92218 \times 0.1$
12)	$92.218 \times 100 = \dots\dots\dots$	$30 + 0.7602 \div 0.1$
13)	$36.2 + 7.01 \times 0.2 = \dots\dots\dots$	142

[Q5] Answer the following

[14] He walks on a day a distance of 6 kilometers, and if he walks 187 days a year, How many kilometers are you walking?

.....

.....

[15] A box containing 725 gm of spices was distributed evenly into 10 packages, How many grams of spices in each package?

.....

.....

♦ ♦ ♦

*End of the questions*



## PRIM 5 – MODEL No

11

[Q1] Choose the correct answer:

(1)  $0.2 - 0.09 = \dots\dots\dots$

a) 0.101

c) 0.11

b) 0.1

d) 0.011

(2) The common factor of all numbers is .....

a) 4

c) 1

b) 8

d) 0

(3)  $12 \times 21 = \dots\dots\dots$

a) 252

c) 125

b) 225

d) 522

(4) 900 , 910 , 920 , .....

a) 960

c) 980

b) 930

d) 940

[Q2] Complete each of the following:

[5] Number of hundredths in 0.1 = ..... hundredths

[6] With Rasha 7.5 pounds and her father gave her 2.4 pounds,  
The equation that represents a sum with a Rasha is .....

[7] The quotient of:  $2,100 \div 7 = \dots\dots\dots$



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

8)  $3 + 0.7 < 3.70$  ( )

9) The variable Y in the equation  $Y = 56 - 2.3$  represents the difference between 56 , 2.3 ( )

10)  $0.45 = 1.5 \times 0.3$  ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$3,420 \div 36 = \dots\dots\dots$	$0.73281 \times 1,000$
12)	$73,281 \times 10 = \dots\dots\dots$	$7.56 - 15.2 \times 0.3$
13)	$40.6 - 7.52 \div 0.2 = \dots\dots\dots$	95

[Q5] Answer the following

[14] A hotel consisting of 13 floors, so if each floor has 752 guests, What is the total number of guests in the hotel?

.....  
 .....

[15] A bag of balloons costs 19.5 pounds, so if the bag contains 100 balloons, What is the price of one balloon?

.....  
 .....

♦ ♦ ♦  
 End of the questions



## PRIM 5 – MODEL No 12

[Q1] Choose the correct answer:

(1)  $800 \div 10 = \dots\dots\dots$

- a) 800  
b) 8,000  
c) 8  
d) 80

(2) G.C.F of 7, 21 is  $\dots\dots\dots$

- a) 2  
b) 7  
c) 3  
d) 9

(3)  $30 \times 17 = \dots\dots\dots$

- a) 150  
b) 510  
c) 501  
d) 105

(4)  $190 \div \dots\dots\dots = 19$

- a) 9  
b) 100  
c) 10  
d) 1,000

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[Q2] Complete each of the following:

[5] Number of thousandths in 0.25 =  $\dots\dots\dots$  thousandths

[6] The variable is  $\dots\dots\dots$  used for represents the unknown in the mathematical sentence

[7]  $59 \div \dots\dots\dots = 5.9$



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

8) The number 4 is factor of number 36 ( )

9)  $1.2 \times 0.342 = 0.12 \times 3.42$  ( )

10) The rule of pattern: 3, 5, 7, 9, ..... is  $n + 3$  ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$5,576 \div 41 = \dots\dots\dots$	$3.4565 \times 1,000$
12)	$34.565 \times 0.1 = \dots\dots\dots$	$[(0.6 \times 0.3) \div 0.01] \times 10$
13)	$20 \div 0.1 - (0.5 \div 0.1 + 15)$	136

[Q5] Answer the following

[14] Ramy walked home from school for a distance of 24.15 meters, then walked from his home to The club distance of 15.346 metres, so what is the total distance that Ramy walked?

.....

.....

[15] A fruit merchant sells 23 boxes of apples every day, so if each box contains 48 kg of apples, how many kilograms did the merchant sell in one day?

.....

.....

♦ ♦ ♦  
End of the questions

**PRIM 5 – MODEL No 13**

13

[Q1] Choose the correct answer:

(1) The value of digit represents 3 thousandths = .....

- a) 0.03                      c) 3  
b) 0.3                         d) 0.003

(2) G.C.F of 2, 4 is .....

- a) 1                      c) 2  
b) 4                      d) 8

(3)  $2 \times 1,000 = \dots\dots\dots$

- |          |        |
|----------|--------|
| a) 2,000 | c) 200 |
| b) 20    | d) 2   |

(4)  $120 \div 8 = \dots\dots\dots$

- a) 2                      c) 10  
b) 15                     d) 51

**[Q2] Complete each of the following:**

**[5] Estimate by front – to – end strategy:  $5.99 + 4.2 = \dots\dots\dots$**

[6] The variable in equation:  $A + 3.1 = 7$  is .....

[7]  $12 \times 38 = \dots\dots\dots$



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

8) The digit 5 in hundredths is 0.50 ( )

9) The smallest prime number is one ( )

10)  $4.2 \times 1.53 = 4.2 \times 15.3$  ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$9,700 \div 100 = \dots\dots\dots$	$0.88824 \times 100$
12)	$8.8824 \times 10 = \dots\dots\dots \square$	$19.437 \div 40.563 - 5$
13)	$(15.5 \div 0.1) - 100 = \dots\dots\dots$	97

[Q5] Answer the following

[14] A juice bottle has a capacity of 940 ml liters, what is its capacity in liters?

.....  
 .....

[15] Write the first six numbers in the pattern that starts with 3 and has a base  $n + 3$ .

.....  
 .....

♦ ♦ ♦  
 End of the questions

## 14

[Q1] Choose the correct answer:

(1) 9 hundredths = ..... Thousandths

- a) 19    c) 90  
b) 900                                         d) 9000

(2)  $38 \times 12 = \dots\dots\dots$

- a) 654      c) 564  
b) 456      d) 504

(3)  $5,000 \div 20 = \dots\dots\dots$

- a) 205                  c) 250  
b) 502                  d) 520

(4) 714 gm = ..... Kg

- [illegible]

[Q2] Complete each of the following:

[5] The result of:  $2.3 - 1.2 = \dots\dots\dots$

**[6] The factors of 35 are .....**

**[7]  $45 \times 98 = \dots\dots\dots$**



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

8)  $4 + 0.2 + 0.03 = 4.32$

( )

9) Value of X in equation:  $X = 2.03 - 1.3$  is 1.73

( )

10)  $1.12 \times 0.08 = 0.896$

( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$210 \div 14 = \dots\dots\dots$	$(3.2 \times 10) \div (0.4 \times 10)$
12)	$3.2 + (0.3 + 0.1) = \dots\dots\dots$	Multiply by 3
13)	3, 9, 27, 81, $\dots\dots\dots$	15

[Q5] Answer the following

[14] Find G.C.F for 6, 15 ?

.....  
 .....

[15] Adel bought 5 meals, the price of one meal is 15.3 EGP,  
 What is the total amount that will be paid?

.....  
 .....

◆ ◆ ◆  
*End of the questions*

## PRIM 5 – MODEL No

15

[Q1] Choose the correct answer:

(1) The fraction equivalent to 0.810 is .....

a)  $\frac{81}{10}$

c)  $\frac{18}{10}$

b)  $\frac{81}{100}$

d)  $\frac{18}{100}$

(2) Factors of ..... number is one and it self

a) Odd

c) Even

b) Prime

d) Composite

(3)  $3 \times \dots\dots\dots = 30,000$

a) 10

c) 100

b) 1,000

d) 10,000

(4) Estimate the result of:  $1730 \div 19$  is .....

a) 10

c) 20

b) 100

d) 1,000

[Q2] Complete each of the following:

[5] The result of:  $4.81 + 1.93$  is .....

[6] Factors of number 3 is .....

[7]  $\dots\dots\dots \times 10,000 = 80,000$



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

- 8)  $3.052 = (3 \times 1) + (5 \times \frac{1}{10}) + (2 \times \frac{1}{100})$  ( )
- 9) We using addition to find X in equation:  $X - 1.03 = 2.3$  ( )
- 10)  $4.5 \times 5.4 = 24.3$  ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$1,334 \div 29 = \dots\dots\dots$	100
12)	$2,400 \div \dots\dots\dots = 24$	$1.1 \times 10 + 4 \times 0.1$
13)	$18 \times 0.3 + 0.6 \div 0.1$	46

[Q5] Answer the following

- [14] Basma bought 2.05 meters of cloth; the price of one meter is 7 EGP, What is the total amount Basma paid?
- .....
- .....

- [15] Fill a matching Huda Flower Et with water to arrange the flowers in the flower shop, starting with 15.75 liters and you will gain an equal amount in 16 flowers, after the completion of this work, Huda still has 3.75 liters of water. How much water is in each flower? (The answer should be in liters)
- .....
- .....

◆ ◆ ◆  
End of the questions







[Q3] Put (✓) for correct statement and (✗) for incorrect one :

8)  $\frac{36}{10} = 0.36$  ( )

9) To find the value of K in equation  $K = 7 - 4.2$  we use addition operation ( )

10) 1.5 liter = 150 ml ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$11,008 \div 43 = \dots\dots\dots$	$82212 \times 0.1$
12)	$82.212 \times 100 = \dots\dots\dots$	$40 + 0.7602 \div 0.1$
13)	$46.2 \div 7.01 \times 0.2 = \dots\dots\dots$	256

[Q5] Answer the following

[14] He walks on a day a distance of 7 kilometers, and if he walks 135 days a year, How many kilometers he is walking?

.....  
 .....

[15] A box containing 856 gm of spices was distributed evenly into 10 packages, How many grams of spices in each package?

.....  
 .....

◆ ◆ ◆  
*End of the questions*

## PRIM 5 – MODEL No

17

[Q1] Choose the correct answer:

(1)  $0.3 - 0.08 = \dots\dots\dots$

a) 0.202

c) 0.22

b) 0.5

d) 0.022

(2) The common factor of all numbers is .....

a) 4

c) 1

b) 8

d) 0

(3)  $15 \times 22 = \dots\dots\dots$

a) 3300

c) 303

b) 330

d) 3003

(4) 800 , 810 , 820 , .....

a) 860

c) 880

b) 830

d) 840

[Q2] Complete each of the following:

[5] Number of hundredths in  $0.3 = \dots\dots\dots$  hundredths

[6] With Rasha 9.6 pounds and her father gave her 3.5 pounds,  
The equation that represents a sum with a Rasha is .....

[7] The quotient of:  $4,200 \div 6 = \dots\dots\dots$



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

- 8)  $5 + 0.8 < 8.50$  ( )
- 9) The variable D in the equation  $D = 56 - 2.3$  represents the difference between 56 , 2.3 ( )
- 10)  $0.45 = 1.5 \times 0.3$  ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$1,305 \div 29 = \dots\dots\dots$	$0.82281 \times 1,000$
12)	$82,281 \times 10 = \dots\dots\dots$	$7.56 - 15.2 \times 0.3$
13)	$40.6 - 7.52 \div 0.2 = \dots\dots\dots$	45

[Q5] Answer the following

- [14] A hotel consisting of 15 floors, so if each floor has 658 guests, What is the total number of guests in the hotel?
- .....
- .....

- [15] A bag of balloons costs 21.5 pounds, so if the bag contains 100 balloons, What is the price of one balloon?
- .....
- .....

♦ ♦ ♦  
End of the questions



## PRIM 5 – MODEL No

18

[Q1] Choose the correct answer:

(1)  $900 \div 10 = \dots\dots\dots$

a) 90

c) 9

b) 9,000

d) 0.9

(2) G.C.F of 8, 24 is  $\dots\dots\dots$

a) 4

c) 8

b) 3

d) 12

(3)  $40 \times 15 = \dots\dots\dots$

a) 415

c) 60

b) 600

d) 6,000

(4)  $270 \div \dots\dots\dots = 2.7$

a) 9

c) 10

b) 100

d) 1,000

[Q2] Complete each of the following:

[5] Number of thousandths in 0.45 =  $\dots\dots\dots$  thousandths

[6] The variable is  $\dots\dots\dots$  used for represents the unknown  
in the mathematical sentence

[7]  $65 \div \dots\dots\dots = 0.65$



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

8) The number 9 is factor of number 72

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( )

9)  $3.2 \times 0.752 = 0.32 \times 7.52$

٥١٥١٤٣١٥٤٧٢

( )

10) The rule of pattern: 3, 5, 7, 9, ..... is  $n + 2$

( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$2,852 \div 23 = \dots\dots\dots$	$7.4569 \times 1,000$
12)	$74.569 \times 0.1 = \dots\dots\dots$	$[(0.6 \times 0.3) \div 0.01] \times 10$
13)	$20 \div 0.1 - (0.5 \div 0.1 + 15)$	124

[Q5] Answer the following

[14] Ramy walked home from school for a distance of 35.16 meters, then walked from his home to The club distance of 17.324 metres, so what is the total distance that Ramy walked?

.....

.....

[15] A fruit merchant sells 27 boxes of apples every day, so if each box contains 32 kg of apples, how many kilograms did the merchant sell in one day?

.....

.....

End of the questions



## PRIM 5 – MODEL No

19

[Q1] Choose the correct answer:

(1) When multiply any number by 100, the place value of its digits move two places towards .....

- a) Right
- b) Up
- c) Left
- d) Down

(2) The operation which used to find the value of V in the equation  $8.46 - V = 1.603$  is .....

- a) Subtraction
- b) Addition
- c) Division
- d) Otherwise

(3) Estimate of find  $23 \times 971$  is .....( use round)

- a) 20,000
- b) 200
- c) 2,000
- d) 18,000

(4)  $570 \div \dots\dots\dots = 57$

- a) 5.7
- b) 12
- c) 100
- d) 10

[Q2] Complete each of the following:

[5] The result of:  $3.11 + 2.74$  is .....

[6] Factors of number 24 is .....

[7] Estimate the product of  $17 \times 31$  by front to end is .....



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

- 8)  $98.17 \approx 98.2$  to nearest hundredths ( )
- 9) The common factors between 36 and the number whose factors 3, 2, 5 are 1, 2, 3, 6 ( )
- 10)  $0.009 \text{ Kg} = 90 \text{ gm}$  ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$4,380 \div 12 = \dots\dots\dots$	95,630
12)	$956.3 \times 100 = \dots\dots\dots$	18
13)	The next number in the pattern 3, 8, 13, .....	365

[Q5] Answer the following

[14] Ramy has a juice bottle with a capacity of 1.5 liters, what is its liter capacity in ml?

.....

.....

[15] Samar went with three of her female colleagues to the city of games, and if they paid each of them 77 pounds. The price of the entrance ticket, 25.5 pounds for a box of candy, and 5 pounds for a bottle of water, What is the total amount that Samar and her colleagues paid?

.....

.....

◆◆◆  
End of the questions



## PRIM 5 – MODEL No

20

[Q1] Choose the correct answer:

(1) When multiply 17 by  $\frac{1}{10}$ , the value of digit 7 becomes.....

a) 0.7

c) 0.07

b) 7

d) 70

(2) The two numbers 2, 4 are factors of .....

a) 53

c) 27

b) 28

d) 35

(3) When multiply 2.5 by number ..... the result is 25

a) 1

c) 10

b) 100

d) 1,000

(4)  $5 \times 100 = \dots\dots\dots$

a) 0.5

c) 50

b) 50

d) 5,000

[Q2] Complete each of the following:

[5] The result of:  $5.42 - 1.56 = \dots\dots\dots$

[6] The variable in equation:  $5 \times Z = 20$  is .....

[7] when multiply 5.0 by 1,000 the result is .....



[Q3] Put (✓) for correct statement and (✗) for incorrect one :

8)  $35 + 0.87 < 35.78$  ( )

9) The two number 5 , 7 are factors of 28 ( )

10) Estimate of:  $0.8 \times 16.1$  is 16 ( )

[Q4] Choose from column (B) suitable for column (A) :

No.	(A)	(B)
11)	$5,950 \div 34 = \dots\dots\dots$	9
12)	The next number in the pattern 3 , 4.5 , 6 , 7.5 , ..... is .....	25
13)	10 , 15 , 20 , .....	175

[Q5] Answer the following

[14] A school with 1,404 students distributed among 36 classes equally.  
How many students are in each class?

.....

.....

[15] Khaled walks 1.9 km a day, how many kilometers does Khaled walk in 5 days?

.....

.....

◆ ◆ ◆  
End of the questions



## Maths

## Fifth Primary

## El-Shater Model Test (1) – Mid-year Exam

1 Choose the correct answer:

- 1 The place value of the digit 9 in the number 425.09 is .....
- a ones      b hundredth      c tenth      d hundreds
- 2 The mathematical sentence: Amir has 3.5 kg of apples and 2.7 kg of figs is a/an .....
- a equation      b mathematical expression  
c place value      d none of them
- 3 The number 6 is the greatest common factor of the two numbers .....
- a 2 and 3      b 6 and 8      c 6 and 24      d 2 and 5
- 4 154.3 is the rounding of the number .....
- a 154.3      b 154.36      c 154.29      d 154.245
- 5 How many times must the number 10 be multiplied by itself to equal 100,000?
- a 1 time      b 2 times      c 5 times      d 4 times
- 6 The estimation of  $12 \times 502$  is .....
- a 5,000      b 9,112      c 8,500      d 5,360
- 7 The multiplication problem which expresses the opposite rectangle area model is .....

a  $15 \times 99$

b  $51 \times 99$

c  $15 \times 90$

d  $51 \times 90$

	50	1
90	4,500	90
9	450	9



**2 Complete the following:**

- 1 When we multiply 7.8 by ..... then the result becomes 78.
- 2  $9.47 \times 1,000 =$  .....
- 3  $(5 \times 9) + (5 \times 80) + (9 \times 60) + (60 \times 80) =$  .....
- 4  $(0.001 \times \dots) + (0.1 \times \dots) + (\dots \times 7) = 7.408$
- 5 The prime factors of the number 42 are .....
- 6 Complete using the rectangle area model  
 $1,728 \div 27 =$  .....
 

50	10	.....
27	.....	108
- 7 In the equation:  $y + 3.16 = 8.34$ , then  $y =$  .....
- 8  $12,560 \text{ g} =$  ..... kg

**3 Choose the correct answer:**

- 1 All the numbers (3, 5, 15, 7, 11, and 13) are prime numbers except .....  
 a 15                      b 11                      c 7                      d 13
- 2 G.C.F. of the numbers 18 and 12 is .....  
 a 1                      b 36                      c 12                      d 6
- 3  $9,234 \div 81 =$  .....  
 a 115                      b 114                      c 113                      d 112
- 4  $3.41 \times 100 =$  .....  
 a 0.341                      b 3.41                      c 34.1                      d 341
- 5  $361.5 \times 100 \bigcirc 3.165 \times 1,000$   
 a =                      b <                      c >                      d otherwise
- 6 46.5 meters = ..... cm.  
 a 465                      b 4,650                      c 46.500                      d 465,000



7 L.C.M. of the two numbers  $(3 \times 2 \times 5)$  and  $(7 \times 2 \times 5)$  is .....

a 120

b 90

c 210

d 60

4 Answer the following:

1 A fruit merchant has 2,299 boxes of mangoes. He sold 1,615 boxes of them and divided the remainder into 6 merchants. How many boxes did each merchant get?

2 A box of chocolate with a mass of 9.12 grams contains a number of chocolate pieces. The mass of one piece is 0.38 grams. How many chocolate pieces are there in the box?

3 The mass of a box of oranges is 7 kilograms. What is the mass of 1,000 boxes of the same kind in kilograms?

4 A baker made 350 cakes and he put every 50 cakes in a bag. How many bags did he need to put the cakes in?



### Model 1

#### **Choose the correct answer :**

- 1) Seven million , five hundred twenty three thousand , seventy nine and six hundredth=.....  
( 7,523,790.60 or 7,523,079.06 or 7,523,097.06 or 7,523,709.06)
- 2) The value of digit 3 in 589.35 is .....  
( 0.3 or 0.03 or 3 or 30 )
- 3) 6 hundredths = .....  
( 0.6 or 6 or 600 or 0.06 )
- 4)  $32 \div 5 = 6 \text{ R } 2$  the divisor is .....  
( 32 , 5 , 6 , 2)
- 5)  $4.559 \cong 4.6$  to the nearest ..... [tenth , unit , hundredth ,  $\frac{1}{1000}$ ]
- 6)  $6.172 \times 100 =$  ..... [617.2 , 61.72 , 6172 , 0.06172]
- 7)  $0.3 \times 0.2 =$  ..... (0.6 , 0.06 , 0.006 , 6)

#### **Complete each of the following :**

- 1)  $20.857 \simeq$  ..... (To the nearest  $\frac{1}{100}$  )
- 2) The GCF of 10 , 15 is .....
- 3) The place value of digit 9 in 387.951 is .....
- 4) 32 hundredths + 5 thousandths = ..... thousandths
- 5) The product of  $12.8 \times 3.5 =$  .....
- 6)  $4.8 \div 0.6 =$  .....
- 7)  $20 + 0.5 + 0.03 + 0.09 =$  .....
- 8) The common multiple of all numbers .....

**Choose the correct answer :**

- 1) 3.002 kilograms = ...gram (30.02,0.3002,300.2, 3002)
- 2)  $806.7 \div 100 = \dots\dots\dots$  ( 80.67 , 8.067, 8.076, 8607)
- 3) The common factor of all numbers is ...(0 ,1 ,2 ,3 )
- 4) The smallest prime number .....(0,1,2,3)
- 5) The value of 8 in 375.583 is .....(8 ,0.8,0.08 ,80)
- 6)  $0.3 \times 15 \dots\dots\dots 3 \times 1.5$  ( < , > , = )
- 7) The value of x in  $13.5 - x = 8.8$  is .....(4.7 ,22.5 , 5.7 ,21.5)

**Answer the following:**

Ahmed bought 7 pens of the same type if the price of one pens is 3.7 pounds . How much money will Ahmed pay ?

.....  
.....

Find LCM and GCF for 12 and 18

.....  
.....  
.....

Use order of operation to evaluate

$7.7 \div 7 \times 5 - 3$

.....  
.....  
.....

Find the quotient of  $2576 \div 23$

.....  
.....  
.....